

**Table A: Vehicle Kilometers Traveled (VKT) and CO<sub>2</sub> Emissions (Metric Tonnes)**

Categories	VKT		Annual CO <sub>2</sub> Emissions	Per Capita VKT	Per Capita Emissions
	Weekly	Annual			
<b>Across Campuses</b>					
All Students	12,510,871	375,326,176	94,770	5,419	1.37
Freshman Undergraduates	2,184,023	65,520,720	16,544	5,501	1.39
Other Undergraduates	7,073,829	212,214,888	53,584	5,596	1.41
Graduate Students	3,253,019	97,590,568	24,642	5,023	1.27
Faculty/Staff	4,500,520	211,524,478	53,410	8,306	2.10
<b>TOTAL</b>	<b>17,011,391</b>	<b>586,850,654</b>	<b>148,180</b>	<b>6,195</b>	<b>1.56</b>
<b>New Brunswick</b>					
All Students	8,203,779	246,113,405	62,144	5,415	1.37
Freshman Undergraduates	1,454,243	43,627,309	11,016	5,190	1.31
Other Undergraduates	5,129,358	153,880,770	38,855	5,629	1.42
Graduate Students	1,620,178	48,605,326	12,273	5,008	1.26
Faculty/Staff	2,320,563	109,066,453	27,539	8,695	2.20
<b>TOTAL</b>	<b>10,524,342</b>	<b>355,179,858</b>	<b>89,683</b>	<b>6,125</b>	<b>1.55</b>
<b>RBHS</b>					
All Students	1,216,637	36,499,109	9,216	5,351	1.35
Freshman Undergraduates	124,773	3,743,192	945	5,951	1.50
Other Undergraduates	309,406	9,282,189	2,344	5,751	1.45
Graduate Students	782,458	23,473,728	5,927	5,128	1.29
Faculty/Staff	1,565,632	73,584,718	18,580	7,942	2.01
<b>TOTAL</b>	<b>2,782,269</b>	<b>110,083,827</b>	<b>27,796</b>	<b>6,843</b>	<b>1.73</b>
<b>Newark</b>					
All Students	2,018,235	60,547,045	15,288	5,351	1.35
Freshman Undergraduates	466,158	13,984,763	3,531	6,224	1.57
Other Undergraduates	1,083,885	32,516,536	8,210	5,663	1.43
Graduate Students	468,192	14,045,746	3,547	4,223	1.07
Faculty/Staff	396,104	18,616,901	4,701	8,007	2.02
<b>TOTAL</b>	<b>2,414,339</b>	<b>79,163,946</b>	<b>19,989</b>	<b>5,804</b>	<b>1.47</b>
<b>Camden</b>					
All Students	1,072,220	32,166,618	12,995	5,668	2.29
Freshman Undergraduates	138,848	4,165,456	1,052	6,633	1.67
Other Undergraduates	551,179	16,535,394	4,175	5,121	1.29
Graduate Students	382,192	11,465,768	2,895	6,307	1.59
Faculty/Staff	218,221	10,256,406	2,590	7,683	1.94
<b>TOTAL</b>	<b>1,290,440</b>	<b>42,423,024</b>	<b>10,712</b>	<b>6,052</b>	<b>1.53</b>
<b>GRAND TOTAL</b>	<b>17,011,391</b>	<b>586,850,654</b>	<b>148,180</b>	<b>6,195</b>	<b>1.56</b>

## Table B: Weighted Mode Distribution

In the most recent typical week, how did you most often travel to/from the campus where you spend most of your time? (T5)

Mode used by Respondents	All Students	Undergrad Students		Graduate Students	Faculty/Staff	TOTAL
		Freshman	Other Undergraduate			
<b>Across Campuses</b>						
Driving	65%	61%	66%	65%	87%	<b>73%</b>
Walk/Bicycle	14%	13%	15%	14%	4%	<b>10%</b>
Transit	13%	20%	12%	11%	6%	<b>10%</b>
Other	8%	6%	7%	11%	3%	<b>6%</b>
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
N= 94727 n= 8440						
<b>New Brunswick</b>						
Driving	64%	63%	66%	62%	90%	<b>73%</b>
Walk/Bicycle	18%	19%	21%	16%	4%	<b>13%</b>
Transit	9%	11%	6%	10%	4%	<b>7%</b>
Other	9%	6%	8%	12%	2%	<b>7%</b>
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
N= 57991 n= 4405						
<b>RBHS</b>						
Driving	81%	65%	76%	83%	87%	<b>84%</b>
Walk/Bicycle	8%	8%	13%	7%	5%	<b>6%</b>
Transit	7%	24%	10%	5%	6%	<b>6%</b>
Other	5%	4%	1%	5%	2%	<b>3%</b>
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
N= 16086 n= 1909						
<b>Newark</b>						
Driving	57%	51%	64%	53%	80%	<b>62%</b>
Walk/Bicycle	9%	4%	4%	17%	5%	<b>8%</b>
Transit	28%	40%	30%	19%	13%	<b>25%</b>
Other	6%	5%	2%	10%	2%	<b>5%</b>
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
N= 13640 n= 1391						
<b>Camden</b>						
Driving	65%	72%	71%	59%	73%	<b>67%</b>
Walk/Bicycle	9%	5%	5%	14%	4%	<b>8%</b>
Transit	12%	11%	12%	12%	7%	<b>11%</b>
Other	14%	11%	12%	16%	15%	<b>14%</b>
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
N= 7010 n= 735						

## Table C: Scenario Analysis

Change in Annual Emission (Metric Tonne) with change in trips per week for Faculty/Staff

Categories	Base	Scenario 1	Increase	Increase (Staff Only)	Scenario 2	Increase	Increase (Staff Only)	Scenario 3	Increase	Increase (Staff Only)
Faculty/Staff Camden	2590	2961	371	158	3175	585	248	3799	1210	514
Faculty/Staff New Brunswick	27539	31228	3689	2071	34371	6832	3836	40217	12678	7119
Faculty/Staff Newark	4701	5318	617	260	5881	1180	497	6870	2169	913
Faculty/Staff RBHS (Combined)	18580	20923	2343	1532	23114	4534	2965	26186	7606	4973
Freshman Undergraduate Camden	1052	1052	-	-	1052	-	-	1052	-	-
Freshman Undergraduate New Brunswick	11016	11016	-	-	11016	-	-	11016	-	-
Freshman Undergraduate Newark	3531	3531	-	-	3531	-	-	3531	-	-
Freshman Undergraduate RBHS (Combined)	945	945	-	-	945	-	-	945	-	-
Other Undergraduate Camden	4175	4175	-	-	4175	-	-	4175	-	-
Other Undergraduate New Brunswick	38855	38855	-	-	38855	-	-	38855	-	-
Other Undergraduate Newark	8210	8210	-	-	8210	-	-	8210	-	-
Other Undergraduate RBHS (Combined)	2344	2344	-	-	2344	-	-	2344	-	-
Graduate Student Camden	2895	2895	-	-	2895	-	-	2895	-	-
Graduate Student New Brunswick	12273	12273	-	-	12273	-	-	12273	-	-
Graduate Student Newark	3547	3547	-	-	3547	-	-	3547	-	-
Graduate Student RBHS (Combined)	5927	5927	-	-	5927	-	-	5927	-	-
<b>Total</b>	<b>148180</b>	<b>155200</b>	<b>7020</b>	<b>4037</b>	<b>161311</b>	<b>13131</b>	<b>7552</b>	<b>171843</b>	<b>23663</b>	<b>13609</b>
% Increase over baseline			<b>4.7%</b>	<b>2.7%</b>		<b>8.9%</b>	<b>5.1%</b>		<b>15.97%</b>	<b>9.2%</b>

Scenario 1 (trips per week increased by .5 for Faculty/Staff that have weekly trips below 6)

Scenario 2 (trips per week increased to minimum 4 for Faculty/Staff that have weekly trips below 5)

Scenario 3 (trips per week increased to minimum 5 for Faculty/Staff that have weekly trips below 5)

Increase assumes full Faculty/Staff impact, while Increase (Staff-Only) scales the emissions change by the faculty/staff proportion within each campus category.

Faculty and Staff Ratio		
Campuses	Faculty	Staff
Camden	58%	42%
New Brunswick	44%	56%
Newark	58%	42%
RBHS	35%	65%
Across Campuses	42%	58%